Co-location Report

FCC ID:	TK4WPJ428
APPLICANT:	Compex Systems Pte Ltd
Application Type:	Certification
Product:	Wireless Access Point
Model No.:	WPJ428HV
Serial Model:	WPJ428LV, WPJ418LV, WPJ418HV, MMS428LV, MMS428HV, MMS418LV, MMS418HV
Brand Name:	COMPEX
FCC Classification:	Digital Transmission System (DTS) Unlicensed National Information Infrastructure (UNII)
Test Date:	April 08 ~ June 22, 2017

Reviewed By : Jame Yuan
(Jame Yuan)

Approved By : Marlin Chen
(Marlin Chen)

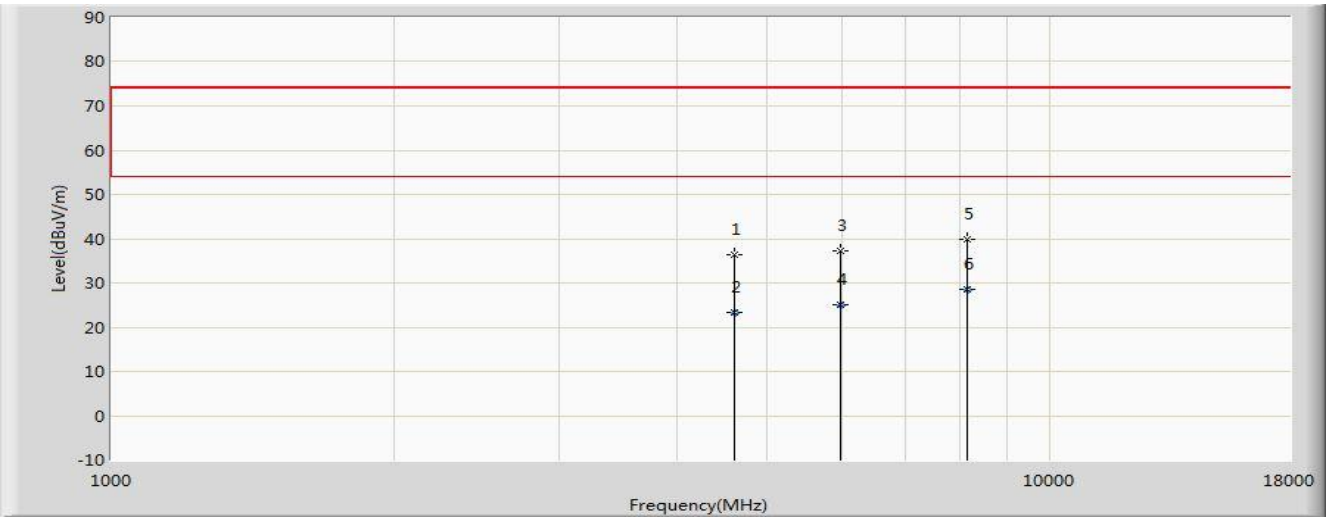
ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

Revision History

Report No.	Version	Description	Issue Date	Note
1704RSU00203	Rev. 01	Initial report	06-25-2017	Valid

1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Kevin Ker	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



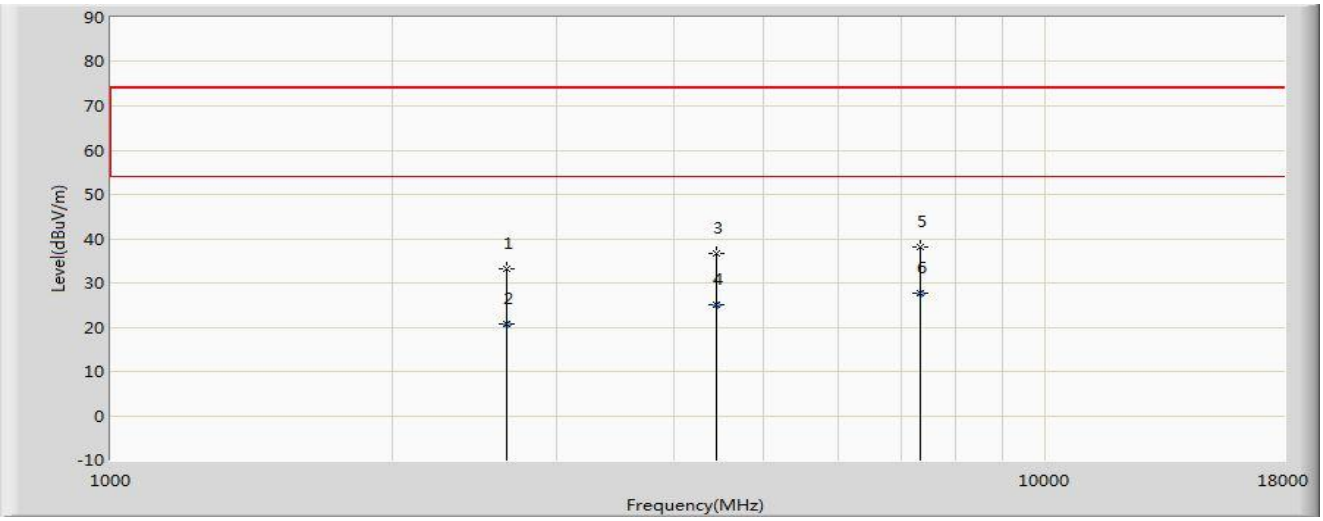
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4602.500	36.495	34.480	-37.505	74.000	2.015	PK
2			4602.500	23.425	21.410	-30.575	54.000	2.015	AV
3			5975.000	37.391	33.101	-36.609	74.000	4.290	PK
4			5975.000	25.050	20.760	-28.950	54.000	4.290	AV
5			8156.000	39.960	31.534	-34.040	74.000	8.426	PK
6		*	8156.000	28.486	20.060	-25.514	54.000	8.426	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Kevin Ker	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2652.500	33.329	36.428	-40.671	74.000	-3.098	PK
2			2652.500	20.731	23.830	-33.269	54.000	-3.098	AV
3			4452.500	36.562	35.048	-37.438	74.000	1.513	PK
4			4452.500	25.094	23.580	-28.906	54.000	1.513	AV
5			7344.000	38.200	30.173	-35.800	74.000	8.026	PK
6			7344.000	27.587	19.560	-26.413	54.000	8.026	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

The End